

What is claimed is:

1. A quick connecting dual electrode assembly comprising:

a body 100 having a cable side and a patient side, and three eyelets 101a, 102a, 105a arranged in said body;

a distal snap assembly comprising a distal stud 108 securing a first eyelet 101a of said three eyelets near an end of the body, and an additional stud 105 securing a second eyelet 105a arranged near a center of the body, wherein said distal stud 108 and said additional stud 105 are electrically joined by a jumper assembly 104;

a proximal snap assembly comprising a proximal stud 106 securing a third eyelet 102a at an opposite end from where said distal stud 108 is arranged proximal to the additional stud 105, so that a distance between said proximal stud 106 and said additional stud 105 is substantially less than a distance between said distal stud 108 and said proximal stud 106;

wherein said additional stud 105 is electrically isolated from said patient side.

2. The electrode assembly according to claim 1, wherein said second eyelet 105a is non-conductive.

3. The electrode assembly according to claim 1, wherein an external surface of the body 100 is coated with an adhesive.

4. The electrode assembly according to claim 1, wherein the patient side of the body includes a first solid gel portion 101 that adheres to the first eyelet 101a and a second solid gel portion 102 that adheres to the second eyelet 102a.

5. The electrode assembly according to claim 1, wherein the patient side of the body includes a first liquid gel portion 101 that adheres to the first eyelet 101a and a second liquid gel portion 102 that adheres to the second eyelet 102a, and the first liquid gel portion and the second liquid gel portion are about 50mm apart.

6. The electrode assembly according to claim 1, wherein the jumper assembly 104 comprises foil.

7. The electrode assembly according to claim 1, wherein the jumper assembly comprises plated plastic.

8. The electrode assembly according to claim 6, wherein the jumper assembly has a label printed thereon.

9. The electrode assembly according to claim 1, wherein the distance between said distal stud 108 and said additional stud 105 is about 35mm apart.

10. The electrode assembly according to claim 9, wherein the distance between said distal stud 108 and said proximal stud 106 is about 50mm.

11. The electrode assembly according to claim 9, wherein the distance between the additional stud 105 and the proximal stud 106 is about 15mm.

12. The electrode assembly according to claim 1, wherein electrical connections are made on the cable side of the body to the additional stud 105 and the proximal stud 106.

13. The electrode assembly according to claim 12, wherein the additional stud 105 is a different size than the proximal stud 106 and the distal stud 108.

14. The electrode assembly according to claim 1, wherein the additional stud 105 has a heart shaped label arranged on its outer perimeter on the patient side of the body.

15. The electrode assembly according to claim 1, wherein the distal stud 108 has a removable cover.

16. The electrode assembly according to claim 15, wherein the cover is electrically insulating.

17. The electrode assembly according to claim 1, wherein the additional stud 105 and proximal stud 106 are sized to receive a two-stud connector plug thereon.

18. A method of making a dual-electrode assembly comprising the steps of:

(a) providing a body 100 having a cable side and a patient side, and three eyelets 101a, 102a, 105a arranged in said body;

(b) providing a distal snap assembly comprising a distal stud 108 securing a first eyelet 101a of said three eyelets near an end of the body, and an additional stud 105 securing a second eyelet 105a

arranged near a center of the body, wherein said distal stud 108 and said additional stud 105 are electrically joined by a jumper assembly 104;

(c) providing a proximal snap assembly comprising a proximal stud 106 securing a third eyelet 102a at an opposite end from where said distal stud 108 is arranged and proximal to the additional stud 105, so that a distance between said proximal stud 106 and said additional stud 105 is substantially less than a distance between said distal stud 108 and said additional stud 105; and

(d) isolating said additional stud 105 from said patient side.

19. The method according to claim 18, further comprising:

(e) arranging a first solid gel portion on the patient side of the first eyelet; and

(f) arranging a second solid gel portion on the patient side of the second eyelet, so that said first gel portion and said second gel portion are about 50mm apart.

20. The method according to claim 18, further comprising:

(e) sizing the additional stud at a different diameter than the distal stud and the proximal stud.

21. The method according to claim 20, wherein the diameter of the additional stud 105 is larger than at least one of the proximal stud and the distal stud.

22. The method according to claim 18, further comprising (e) shaping the additional stud 105 in a different shape than at least one of the proximal stud 106 and distal stud 108.